

Bill no.:	<i>Committee Print</i>
Amendment no.:	<i>81</i>
Date offered:	<i>4/13/05</i>
Disposition:	<i>Agreed to by VV</i>

**AMENDMENT TO THE COMMITTEE PRINT**  
**OFFERED BY MR. BURGESS OF TEXAS**

In title XVI, add at the end the following new section:

1   **SEC. 1612. LOW-VOLUME GAS RESERVOIR STUDY.**

2       (a) STUDY.—The Secretary of Energy shall make a  
3   grant to an organization of oil and gas producing States,  
4   specifically those containing significant numbers of mar-  
5   ginal oil and natural gas wells, for conducting an annual  
6   study of low-volume natural gas reservoirs. Such organiza-  
7   tion shall work with the State geologist of each State being  
8   studied.

9       (b) CONTENTS.—The studies under this section  
10 shall—

11           (1) determine the status and location of mar-  
12   ginal wells and gas reservoirs;

13           (2) gather the production information of these  
14   marginal wells and reservoirs;

15           (3) estimate the remaining producible reserves  
16   based on variable pipeline pressures;

17           (4) locate low-pressure gathering facilities and  
18   pipelines;



1 (5) recommend incentives which will enable the  
2 continued production of these resources;

3 (6) produce maps and literature to disseminate  
4 to States to promote conservation of natural gas re-  
5 serves; and

6 (7) evaluate the amount of natural gas that is  
7 being wasted through the practice of venting or flar-  
8 ing of natural gas produced in association with  
9 crude oil well production.

10 (c) DATA ANALYSIS.—Data development and anal-  
11 ysis under this section shall be performed by an institution  
12 of higher education with GIS capabilities. If the organiza-  
13 tion receiving the grant under subsection (a) does not have  
14 GIS capabilities, such organization shall contract with one  
15 or more entities with—

16 (1) technological capabilities and resources to  
17 perform advanced image processing, GIS program-  
18 ming, and data analysis; and

19 (2) the ability to—

20 (A) process remotely sensed imagery with  
21 high spatial resolution;

22 (B) deploy global positioning systems;

23 (C) process and synthesize existing, vari-  
24 able-format gas well, pipeline, gathering facility,  
25 and reservoir data;



1 (D) create and query GIS databases with  
2 infrastructure location and attribute informa-  
3 tion;

4 (E) write computer programs to customize  
5 relevant GIS software;

6 (F) generate maps, charts, and graphs  
7 which summarize findings from data research  
8 for presentation to different audiences; and

9 (G) deliver data in a variety of formats, in-  
10 cluding Internet Map Server for query and dis-  
11 play, desktop computer display, and access  
12 through handheld personal digital assistants.

13 (d) AUTHORIZATION OF APPROPRIATIONS.—There  
14 are authorized to be appropriated to the Secretary of En-  
15 ergy for carrying out this section—

16 (1) \$1,500,000 for fiscal year 2006; and

17 (2) \$450,000 for each of the fiscal years 2007  
18 through 2010.

19 (e) DEFINITIONS.—For purposes of this section, the  
20 term “GIS” means geographic information systems tech-  
21 nology that facilitates the organization and management  
22 of data with a geographic component.

